

## □ General Courses and Requirements

### 1. General Course Requirements

Year	Requirements
In 2011 and thereafter	<ul style="list-style-type: none"> <li>◦ Mandatory General Course: 6 credits and 9AU               <ul style="list-style-type: none"> <li>- English Communication(1), Critical Thinking in English(2), Writing(3), Physical Education(4AU), Humanity/Leadership(2AU), Ethics and Safety II (1AU), Happy College Life(1AU), Exciting College Life(1AU)</li> </ul> </li> <li>※ Community Service : Not applicable to students entering KAIST in 2011 and thereafter. Leadership mileage will be awarded for proof of community service.               <ul style="list-style-type: none"> <li>* AU(Activity Unit) is not counted as GPA, but required for graduation</li> </ul> </li> <li>◦ Elective General Course in Humanities &amp; Social Science : at least 21 credits               <ul style="list-style-type: none"> <li>- At least 21 credits including at least 1 course in each of 2 divisions among 3 (Humanity, Society, Literature and Arts)</li> </ul> </li> <li>※ Students having a double major take 12 credits without considering categories</li> </ul>
2009~2010	<ul style="list-style-type: none"> <li>◦ Mandatory General Course: 6 credits and 9AU               <ul style="list-style-type: none"> <li>- English Communication(1), Critical Thinking in English(2), Writing(3), Physical Education(4AU), Community Service(2AU), Humanity/Leadership(2AU), Ethics and Safety II (1AU)</li> </ul> </li> <li>* AU(Activity Unit) is not counted as GPA, but required for graduation</li> <li>◦ Elective General Course in Humanities &amp; Social Science : at least 21 credits               <ul style="list-style-type: none"> <li>- At least 21 credits including at least 1 course in each of 2 divisions among 3 (Humanity, Society, Literature and Arts)</li> <li>- Students entering KAIST in 2007 and thereafter should earn at least 9 credits through lectures in English among the 21 credits required as Elective General Courses in Humanities &amp; Social Science.</li> </ul> </li> <li>※ Students having a double major take 12 credits without considering categories (Students entering KAIST between 2007 and 2010 should take 6 credits through lectures in English).</li> </ul>
2007~2008	<ul style="list-style-type: none"> <li>◦ Mandatory General Course: 7 credits and 9AU               <ul style="list-style-type: none"> <li>- English Communication I(1), English Communication II(1), English Reading&amp;Writing(2), Writing(3), Physical Education(4AU), Community Service(2AU), Humanity/Leadership(2AU), Ethics and Safety II (1AU)</li> </ul> </li> <li>* AU(Activity Unit) is not counted as GPA, but required for graduation</li> <li>◦ Elective General Course in Humanities &amp; Social Science : at least 21 credits               <ul style="list-style-type: none"> <li>- At least 21 credits including at least 1 course in each of 2 divisions among 5 (Science Technology; Literature and Art; History and Philosophy; Social Science; Foreign Language and Linguistics) or at least 1 course in each of 2 divisions among 3 ((Humanity, Society, Literature and Arts)</li> <li>- Students entering KAIST in 2007 and thereafter should earn at least 9 credits through lectures in English among the 21 credits required as Elective General Courses in Humanities &amp; Social Science.</li> </ul> </li> <li>※ Students having a double major take 12 credits without considering categories (Students entering KAIST between 2007 and 2010 should take 6 credits through lectures in English).</li> </ul>
1998 ~ 2006	<ul style="list-style-type: none"> <li>◦ Mandatory General Course: 7 credits and 9AU               <ul style="list-style-type: none"> <li>- English I(2), English II(2), Writing(3), Physical Education(4AU), Community Service(2AU), Humanity/Leadership (2AU), Ethics and Safety II (1AU)</li> </ul> </li> <li>* AU(Activity Unit) is not counted as GPA, but required for graduation</li> <li>◦ Elective General Course in Humanities &amp; Social Science : at least 21 credits               <ul style="list-style-type: none"> <li>- At least 21 credits including at least 1 course in each of 2 divisions among 5 (Science Technology; Literature and Art; History and Philosophy; Social Science; Foreign Language and Linguistics) or at least 1 course in each of 2 divisions among 3 (Humanity, Society, Literature and Arts)</li> </ul> </li> <li>※ Students having a double major take 12 credits without considering categories.</li> </ul>

※ Substitutes for abolished and changed courses

-English Communication I → English Communication

-English Communication II → English Conversation

- English Reading & Writing → Critical Thinking in English
- English I, Special Lectures on English → English Conversation
- English II → Critical Thinking in English
- Understanding Literature → Rereading Korean Poetry or Rereading Korean Novels
- Understanding Art → Special Lecture on Art
- Korean Language and Culture → Understanding of American Culture (English and American Culture
- Special Lecture on English Literature → English Drama and Film
- Introduction to World Affairs → Globalization and World Politics
- Law and Technology → Science and Technology Related Laws
- Science and Philosophy → Philosophy of Science
- Seminar in Science and Technology Studies, Methods in Science and Technology Studies, -Science and Technology in Korea since 1945 → Topics in Science and Technology Studies
- Korean Music Culture → Understanding Korean Music Culture
- The Origin of European Civilization → History of Western Civilization
- Public Policy → Power vs. Choice
- Internet and Economics → Commercial Law & the Internet
- Politics in Korea → Korea & East Asian Political Economy
- Organizational Behaviors in Education → Introduction to Pedagogy
- Introduction to Social Sciences → Special Topics in Social Sciences
- Leadership and Communication → Introduction to Mass Communication
- Research Method in Social Sciences, Seminar in Social Sciences → Special Topics in Social Sciences
- Linguistics Seminar → Special Lectures on Linguistics
- Advanced Korean → Special Lecture on Korean Literature
- Business Today → BEP450 Entrepreneurship & Venture Business → MSB450 Entrepreneurship & Venture Business, MSB422 Entrepreneurial Mindset
- Career in Business Today → BEP471 Introduction to Market Economy → MSB481 Special Topics in Management Science I
- Bowling → AU of Physical Education
- Science and Philosophy → Philosophy of Science
- Methods in Science and Technology Studies → Topics in Science and Technology Studies
- Science and Technology in Korea since 1945 → Topics in Science and Technology Studies
- Korean Music Culture → Understanding Korean Music Culture
- The Origin of European Civilization → History of Western Civilization
- Russian I, II → Spanish Language and Culture → Special Lecture on World Languages and Cultures
- German II → German Language and Culture → Special Lecture on World Languages and Cultures
- Japanese II → Japanese Language and Culture → Special Lecture on World Languages and Cultures
- French II → French Language and Culture → Special Lecture on World Languages and Cultures
- Chinese II → Chinese Language and Culture → Special Lecture on World Languages and Cultures
- Introduction to Korean Writing System → The History of Korean Letter and Writing System
- Advanced Korean Grammar and Usage → The History of Korean Letter and Writing System
- Special Topics in English(Advanced Conversation) → Advanced English Conversation
- Special Topics in English(Advanced English Conversation) → Advanced English Conversation
- Special Topics in English(Intermediate Conversation) → English Conversation
- Special Topics in English(Intermediate English Conversation) → English Conversation
- Special Topics in English(Science Writing) → English Science Writing
- Special Topics in English(Advanced Writing) → Advanced English Writing
- Special Topics in English(Advanced English Writing) → Advanced English Writing
- Writing → Logical Writing
- Critical Writing (Advanced Korean Writing) → Critical Writing
- Practical Writing (Advanced Korean Writing) → Practical Writing

- Creative Writing (Advanced Korean Writing) → Creative Writing
- Writing on Scientific Essays (Advanced Korean Writing) → Writing on Scientific Essays
- Globalization & World Politics → Understanding Globalization
- Introduction to Bioethics → Topics in Philosophy
- COM401 Listening IV → HSS394 Internet English(until Fall 2011)
- COM401 Listening IV → HSS390 Advanced English Conversation, HSS393 English Presentation, HSS479 English Debate(from Spring 2012)
- HSS141 Power vs. Choice → STP210 Power vs. Choice
- HSS230 Science and Technology Policy → STP230 Science and Technology Policy
- HSS243 Humans, Machines, and Society → STP243 Humans, Machines, and Society
- HSS483 Case Studies in Science and Technology Policy → STP483 Case Studies in Science and Technology Policy
- HSS484 Special Topics in Policy → STP484 Special Topics in Policy

## 2. Humanities and Social Sciences Curriculum

Three areas				Five areas				I C C				
Classification	Subject No.	Subject Name	Lecture:Lab :Credit (Homework)	Classification	Subject No.	Subject Name	Lecture:Lab: Credit (Homework)	Classification	Subject No.	Subject Name	Lecture: Lab:Credit	
Mandatory General Courses	HSS001	Logical Writing	3:0:3(6)	Mandatory General Courses	HS103	Writing	3:0:3(6)	Mandatory General Courses	COM0120	The Art of Technical Writing	2:0:1	
	HSS002	Critical Writing	3:0:3(6)		HS274	Critical Writing : Advanced Korean Writing	3:0:3(6)					
	HSS003	Practical Writing	3:0:3(6)		HS275	Practical Writing : Advanced Korean Writing	3:0:3(6)					
	HSS004	Creative Writing	3:0:3(6)		HS276	Creative Writing : Advanced Korean Writing	3:0:3(6)					
	HSS005	Writing on Scientific Essays	3:0:3(6)		HS277	Writing on Scientific Essays(Advanced Korean Writing)	3:0:3(6)					
	HSS006	Basic Korean I for Foreign Students	3:0:3(6)		HS108	Basic Korean I for Foreign Students	3:0:3(6)					
	HSS007	Narrative Writing	3:0:3(6)									
	HSS020	English Communication	1:2:1(4)		HS106	English Communication	1:2:1(4)		COM1502	Conversation and Presentation V	2:0:1	
	HSS021	Critical Thinking in English	2:1:2(7)		HS201	Critical Thinking in English	2:1:2(7)		COM1505	English Communication	1:2:1	
	HSS040	Badminton	2AU						COM1403	Reading IV	2:0:1	
	HSS041	Swimming	2AU		HS180	Badminton	2AU		Elective General Courses in Humanities and Social Sciences	COM0155	Physical Education (VI)(Squash)	1:0:1
	HSS042	Tennis	2AU		HS181	Swimming	2AU			COM0151	Physical Education (II)(Swimming)	1:0:1
			HS182	Tennis	2AU	COM0157	Physical Education (VIII)(Tennis)	1:0:1				

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Mandatory General Courses	HSS043	Basketball	2AU	Mandatory General Courses	HS183	Basketball	2AU		COM0152	Physical Education (III) (Skiing)	1:0:1
	HSS044	Health Administration	2AU		HS184	Health Administration	2AU		COM0156	Physical Education (VII)Sports Dance	1:0:1
	HSS045	Baseball	2AU								
	HSS046	Golf	2AU		HS186	Golf	2AU		COM0150	Physical Education (I)(Golf)	1:0:1
	HSS047	Soccer	2AU		HS187	Soccer	2AU		COM0153	Physical Education (IV) (Rock Climbing)	1:0:1
	HSS048	Extra Curricular Sport Activity	2AU		HS189	Extra Curricular Sport Activity	2AU				
	HSS049	YOGA	2AU		HS197	YOGA	2AU				
	HSS060	Humanity /Leadership I	1AU		HS172	Humanity /Leadership I	1AU		COM0147	Global Leadership	2:0:2
	HSS061	Humanity /Leadership II	1AU		HS173	Humanity /Leadership II	1AU				
	HSS062	Humanity /Leadership III	1AU		HS174	Humanity /Leadership III	1AU				
	HSS070	Ethics and Safety II	1AU		HS179	Ethics and Safety II	1AU				
	HSS080	Community Service	2AU		HS200	Community Service	2AU		COM0300	Social service	2:0:1
	HSS090	Happy College Life	1AU								
	HSS091	Exciting College Life	1AU								

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Elective General Courses in Humanities and Social Sciences (Humanities)	HSS100	History of Science	3:0:3(6)	Elective General Courses in Humanities and Social Sciences	HS111	History of Science	3:0:3(6)		COM0164	Science and Technology	2:0:2	
	HSS101	Philosophy of Science	3:0:3(6)		HS112	Philosophy of Science	3:0:3(6)					
	HSS102	Korean Science Technology	3:0:3(6)		HS212	Korean Science Technology	3:0:3(6)					
	HSS105	Logic	3:0:3(6)		HS135	Logic	3:0:3(6)					
	HSS106	Understanding of Language	3:0:3(6)		HS255	Understanding of Language	3:0:3(6)					
	HSS107	Introduction to Philosophy	3:0:3(6)		HS134	Introduction to Philosophy	3:0:3(6)		COM0133	Western Philosophy	2:0:2	
	HSS109	The Conquest of Happiness	3:0:3(6)									
	HSS110	History of Korean Culture	3:0:3(6)		HS297	Hlstory of Korean Culture	3:0:3(6)		COM0130	Korean History	2:0:2	
	HSS111	History of Modern Korea	3:0:3(6)		HS298	History of Modern Korea	3:0:3(6)					
	HSS112	History of Korean Thought	3:0:3(6)		HS231	History of Korean Thought	3:0:3(6)					
	HSS113	Introduction to Korean History for Foreigners	3:0:3(6)		HS136	Introduction to Korean History	3:0:3(6)					
	HSS114	Hangeul, Letter and Civilization	3:0:3(6)									
HSS115	Rediscovering Modern Korea	3:0:3(6)										

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Classification	Subject No.	Subject Name	Lecture:Lab :Credit (Homework)	Classification	Subject No.	Subject Name	Lecture:Lab: Credit (Homework)	Classification	Subject No.	Subject Name	Lecture: Lab:Credit	
Elective General Courses in Humanities and Social Sciences (Humanities)	HSS116	Understanding of American Culture	3:0:3(6)	Elective General Courses in Humanities and Social Sciences	HS367	English and American Culture	3:0:3(6)					
	HSS119	Understanding German-Speaking Cultures	3:0:3(6)									
	HSS123	History of Western Civilization	3:0:3(6)		HS133	History of Western Civilization	3:0:3(6)		COM0131	Modern World History	2:0:2	
	HSS124	History of Asian culture	3:0:3(6)		HS233	History of Asian culture	3:0:3(6)					
	HSS127	Ethics	3:0:3(6)		HS235	Ethics	3:0:3(6)		COM0169	Creativity and Morals for Intellectuals	2:0:2	
	HSS128	Introduction to Oriental Philosophy	3:0:3(6)		HS236	Introduction to Oriental Philosophy	3:0:3(6)		COM0132	Oriental Philosophy	2:0:2	
	HSS137	The Geography of Korea for International Students	3:0:3(6)									
	HSS138	Korea History and Culture for International Students	3:0:3(6)									
	HSS201	Revolutions in Science and Technology	3:0:3(6)									
	HSS202	History of Science & Technology in East Asia	3:0:3(6)		HS217	History of Science & Technology in East Asia	3:0:3(6)					
	HSS203	Environmentalism: A History Survey	3:0:3(6)		HS218	Environmentalism: A History Survey	3:0:3(6)					
	HSS205	Philosophy of Mind	3:0:3(6)									
	HSS206	Analytical Philosophy	3:0:3(6)		HS234	Analytical Philosophy	3:0:3(6)					

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Elective General Courses in Humanities and Social Sciences (Humanities)	HSS208	Socio-Economic History of Korea	3:0:3(6)	Elective General Courses in Humanities and Social Sciences	HS232	Socio-Economic History of Korea	3:0:3(6)					
	HSS209	The History of Korean Letter and Writing System	3:0:3(6)									
	HSS211	English Structure and Grammar	3:0:3(6)		HS256	English Structure and Grammar	3:0:3(6)					
	HSS212	English & Style	3:0:3(6)		HS368	English & Style	3:0:3(6)					
	HSS214	Europe and the World Science 1492	3:0:3(6)									
	HSS215	Contemporary American History	3:0:3(6)									
	HSS216	Making of the Modern World	3:0:3(6)		HS279	Making of Modern Europe	3:0:3(6)					
	HSS220	History on Films	3:0:3(6)		HS238	History on Films	3:0:3(6)					
	HSS221	Self and Identity in Modern Thought	3:0:3(6)									
	HSS301	Topics in Philosophy	3:0:3(6)		HS332	Topics in Philosophy	3:0:3(6)					
	HSS302	Special Lectures on Linguistics	3:0:3(6)		HS351	Special Lectures on Linguistics	3:0:3(6)	COM0128	Spanish II	2:0:2		
	HSS303	Studies in the Problem of Korean History	3:0:3(6)		HS331	Studies in the Problem of Korean History	3:0:3(6)					
	HSS304	Special issues in History	3:0:3(6)		HS333	Special issues in History	3:0:3(6)					
HSS305	Special Lecture on World Languages and Cultures	3:0:3(6)				COM0126	Chinese II	2:0:2				



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Elective General Courses in Humanities and Social Sciences (Humanities)	HSS306	Seminar in Humanities	1:0:1	Elective General Courses in Humanities and Social Sciences								
	HSS307	Contemporary Political History of Korea	3:0:3(6)									
	HSS308	Environmental Ethics	3:0:3(6)									
	HSS404	Human, Computer, Language	3:0:3(6)									
	HSS405	Logic and Artificial Intelligence	3:0:3(6)									
	HSS409	Odyssey of Pioneers in Modern Korea	3:0:3(6)									
	HSS412	English and Society	3:0:3(6)									
Elective General Courses in Humanities and Social Sciences (Society)	HSS130	Science, Technology and Society	3:0:3(6)			HS113	Science, Technology and Society	3:0:3(6)				
	HSS133	Introduction to Psychology	3:0:3(6)			HS145	Introduction to Psychology	3:0:3(6)		COM0161	Introduction to Psychology	2:0:2
	HSS134	Introduction to Cognitive Science	3:0:3(6)			HS239	Introduction to Cognitive Science	3:0:3(6)				
	HSS141	Power vs. Choice	3:0:3(6)			HS141	Introduction to Political Science	3:0:3(6)				
	HSS142	Civilizations and Belief Systems	3:0:3(6)									
	HSS148	Introduction to Sociology	3:0:3(6)			HS143	Introduction to Sociology	3:0:3(6)		COM0160	Introduction to Sociology	2:0:2
	HSS155	Introduction to Mass Communication	3:0:3(6)							COM0162	Introduction to Communications	2:0:2

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Classification	Subject No.	Subject Name	Lecture:Lab :Credit (Homework)	Classification	Subject No.	Subject Name	Lecture:Lab: Credit (Homework)	Classification	Subject No.	Subject Name	Lecture: Lab:Credit
Elective General Courses in Humanities and Social Sciences (Society)				Elective General Courses in Humanities and Social Sciences							
	HSS156	Understanding Law	3:0:3(6)		HS146	Introduction to Law	3:0:3(6)				
	HSS157	Introduction to Anthropology	3:0:3(6)		HS149	Introduction to Anthropology	3:0:3(6)				
	HSS158	Introduction to Business Management	3:0:3(6)		HS176	Introduction to Business Management	3:0:3(6)				
	HSS159	Introduction to Economics	3:0:3(6)		HS144	Introduction to Economics	3:0:3(6)				
	HSS160	Introduction to Pedagogy	3:0:3(6)								
	HSS230	Science and Technology Policy	3:0:3(6)		HS215	Science and Technology Policy	3:0:3(6)				
	HSS231	Science, Technology and Ethics	3:0:3(6)		HS211	Science, Technology and Ethics	3:0:3(6)				
	HSS232	Sociology of Science and Technology	3:0:3(6)		HS214	Sociology of Science and Technology	3:0:3(6)				
	HSS233	Science and Technology Related Laws	3:0:3(6)		HS216	Science and Technology Related Laws	3:0:3(6)				
	HSS235	Thinking and Deciding	3:0:3(6)								
	HSS236	Applied Cognitive Science	3:0:3(6)								
	HSS239	Security and Economy in East Asia	3:0:3(6)								
	HSS240	Analysis of and Prospects for Korean Society	3:0:3(6)		HS247	Analysis of and Prospects for Korean Society	3:0:3(6)				
HSS243	Humans, Machines,	3:0:3(6)									

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Elective General Courses in Humanities and Social Sciences (Society)		and Society		Elective General Courses in Humanities and Social Sciences								
	HSS244	Understanding Globalization	3:0:3(6)		HS140	Globalization and World Politics	3:0:3(6)					
	HSS245	Political Thought	3:0:3(6)		HS241	Political Thoughts	3:0:3(6)					
	HSS246	Democracy & Economic Growth	3:0:3(6)									
	HSS247	International Law & International Organization	3:0:3(6)									
	HSS248	Nations and Cultures	3:0:3(6)							COM0143	Literature and Society	2:0:2
	HSS253	Commercial Laws	3:0:3(6)									
	HSS254	Patent Procurement Laws	3:0:3(6)									
	HSS255	Gender and Society	3:0:3(6)		HS245	Gender and Society	3:0:3(6)			COM0168	Psychology for Relationship between Man and Woman	2:0:2
	HSS257	Biotech's Legal Issues & Regulations	3:0:3(6)									
	HSS261	Intellectual Property Overview	3:0:3(6)									
	HSS262	Trademark Infringement Litigation	3:0:3(6)									
	HSS286	Environmental Law	3:0:3(6)									
	HSS330	Topics in Science and Technology Studies	3:0:3(6)		HS311	Topics in Science and Technology Studies	3:0:3(6)			COM0184	Topics in Science and Technology Studies	3:0:3
HSS331	Special Lecture in Cognitive Science	3:0:3(6)										

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Classification	Subject No.	Subject Name	Lecture:Lab :Credit (Homework)	Classification	Subject No.	Subject Name	Lecture:Lab: Credit (Homework)	Classification	Subject No.	Subject Name	Lecture: Lab:Credit	
Elective General Courses in Humanities and Social Sciences (Society)	HSS332	Special Topics in Social Sciences	3:0:3(6)	Elective General Courses in Humanities and Social Sciences	HS341	Special Lecture on Social Sciences	3:0:3(6)		COM0183	Special Lecture on Social Sciences	3:0:3	
	HSS333	Seminar in Psychology	3:0:3(6)		HS344	Seminar in Psychology	3:0:3(6)					
	HSS334	Seminar in Cognitive Science	3:0:3(6)									
	HSS336	The American Democratic Tradition	3:0:3									
	HSS337	New Media and Communications	3:0:3(6)									
	HSS433	Brain and Cognition	3:0:3(6)									
	HSS434	Computational Cognitive Processing	3:0:3(6)									
	HSS437	Introduction to North Korea	3:0:3(6)									
	HSS447	Man and War	3:0:3(6)									
	HSS451	Sustainability: Agenda and Prospects	3:0:3(6)									
	HSS453	Behavioral Finance	3:0:3									
	HSS454	Political Economy of Science & Technology	3:0:3(8)									
	HSS455	Philosophy of Science Policy	3:0:3(8)									
Elective General Courses in Humanities and Social Sciences (Literature and Arts)	HSS120	Understanding Korean Cinema	3:0:3(6)									
	HSS164	Understanding Film	3:0:3									
	HSS166	Introduction to Korean Culture for Foreigners	3:0:3(6)	HS129	Introduction to Korean Culture for Foreigners	3:0:3(6)						
	HSS167	Korean Literature and Society	3:0:3(6)	HS223	Korean Literature and Society	3:0:3(6)		COM0180	Oriental Classics	2:0:2		
	HSS171	Understanding English Literature	3:0:3(6)	HS122	Understanding English Literature	3:0:3(6)		COM0145	Invitation to British and	2:0:2		

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Elective General Courses in Humanities and Social Sciences (Literature and Arts)				Elective General Courses in Humanities and Social Sciences						American Literature		
	HSS175	German Conversation	3:0:3(6)		HS151	German Conversation	3:0:3(6)					
	HSS176	Japanese Conversation	3:0:3(6)		HS152	Japanese Conversation	3:0:3(6)					
	HSS177	French Conversation	3:0:3(6)		HS153	French Conversation	3:0:3(6)					
	HSS178	Chinese Conversation	3:0:3(6)		HS154	Chinese Conversation	3:0:3(6)		COM0125	Chinese I		2:0:2
	HSS179	Spanish Conversation	3:0:3(6)		HS156	Spanish Conversation	3:0:3(6)		COM0127	Spanish I		2:0:2
	HSS186	Understanding Music & Music History	3:0:3(6)		HS124	History of Western Music	3:0:3(6)		COM0141	Understanding Music		2:0:2
	HSS187	Art History & Visual Culture	3:0:3(6)		HS125	Art History & Visual Culture	3:0:3(6)		COM0144	Fashion and Clothing		2:0:2
	HSS265	Rereading Korean Poetry	3:0:3(6)		HS221	Rereading Korean Poetry	3:0:3(6)					
	HSS266	Rereading Korean Novels	3:0:3(6)		HS222	Rereading Korean Novels	3:0:3(6)					
	HSS267	Understanding Korean Music Culture	3:0:3(6)		HS177	Understanding Korean Music Culture	3:0:3(6)		COM0190	Violin Practice II		2:0:1
	HSS268	Chinese Conversation II	3:0:3(6)									
	HSS270	British and American Poetry	3:0:3(6)		HS225	British and American Poetry	3:0:3(6)					
	HSS271	British and American Novel	3:0:3(6)		HS224	British and American Novel	3:0:3(6)					
	HSS272	English Drama and Film	3:0:3(6)		HS229	English Drama and Film	3:0:3(6)					
	HSS273	English Short Stories	3:0:3(6)		HS369	English Short Stories	3:0:3(6)					
HSS274	Science Fiction and Film	3:0:3(6)					COM0182	Movie and Society		2:0:2		

Three areas				Five areas				I C C			
Classification	Subject No.	Subject Name	Lecture:Lab :Credit (Homework)	Classification	Subject No.	Subject Name	Lecture:Lab: Credit (Homework)	Classification	Subject No.	Subject Name	Lecture: Lab:Credit
Elective General Courses in Humanities and Social Sciences (Literature and Arts)	HSS277	The World of Musicals	3:0:3(6)	Elective General Courses in Humanities and Social Sciences	HS295	The World of Musicals	3:0:3(6)		COM0134	Appreciating Operas	2:0:2
	HSS278	Modern Arts	3:0:3(6)		HS294	Modern Arts	3:0:3(6)		COM0142	Understanding Arts	2:0:2
	HSS279	Art after 1945	3:0:3(6)						COM0170	Dessin and a Watercolor Painting	2:0:1
	HSS280	Understanding World Music	3:0:3(6)		HS126	Understanding World Music	3:0:3(6)		COM0167	Piano Classic	2:0:2
	HSS281	European Literature and Art	3:0:3(6)		HS226	European Literature and Art	3:0:3(6)		COM0135	Visual history on European Culture	2:0:2
	HSS320	History of Architecture	3:0:3(6)								
	HSS324	Science Fiction Cinema	3:0:3(6)								
	HSS324	Renaissance and Baroque Art	3:0:3(6)								
	HSS360	Special Lecture on Korean Literature	3:0:3(6)		HS322	Special Lecture on Korean Literature	3:0:3(6)				
	HSS361	Special Lecture on English Literature	3:0:3(6)		HS323	Special Lecture on English Literature	3:0:3(6)		COM0181	Occidental Classics	2:0:2
	HSS362	Special Lecture on Art	3:0:3(6)		HS321	Special Lectures on Art	3:0:3(6)		COM0166	Violin Practice	2:0:1
	HSS370	Vision, Brain and Art	3:0:3(6)								
	HSS378	Violin Family Instrument Making & Experimentation	3:0:3(4)								
	HSS420	Science Storytelling	3:0:3(6)								
	HSS470	English Literature and History	3:0:3(6)							COM0165	Myths in Literature
HSS471	Gender and Literature	3:0:3(6)									

Three areas				Five areas				I C C				
Classification	Subject No.	Subject Name	Lecture:Lab :Credit (Homework)	Classification	Subject No.	Subject Name	Lecture:Lab: Credit (Homework)	Classification	Subject No.	Subject Name	Lecture: Lab:Credit	
	HSS472	Art and Philosophy	3:0:3(6)									
Elective General Courses	HSS170	Convergence	1:0:1	Elective General Courses				Elective General Courses in Humanities and Social Science				
	HSS180	Basic Korean and Korean Culture	2:0:2									
	HSS189	Freshman Seminar II	1:0:1									
	HSS190	Freshman Seminar I	1:0:1		HS100	Freshman Seminar	3:0:3(6)					
	HSS191	Reading in English	3:0:3(6)		HS104	Reading in English	3:0:3(6)					
	HSS192	On Love	3:0:3(6)		HS166	On Love	3:0:3(6)					
	HSS193	Basic Korean II for Foreign Students	3:0:3(6)		HS167	Basic Korean II for Foreign Students	3:0:3(6)					
	HSS194	Leadership Training	3:0:1		HS171	Leadership Training	3:0:3(6)			COM0200	University Hour	0:0:0
	HSS195	Special Lectures on English	3:0:3(6)		HS188	Special Lectures on English	3:0:3(6)					
	HSS196	Exercise and Health	3:0:3(6)		HS190	Exercise and Health	3:0:3(6)			COM0146	Food habits and diet	2:0:2
	HSS197	Special Lecture in Human Movement Science	3:0:3(6)		HS191	Special Lecture in Human Movement Science	3:0:3(6)					
	HSS198	Communication Training	3:0:3(6)		HS192	Communication Training	3:0:3(6)			COM0185	Peer Group Seminar	2:0:1
	HSS199	Special lectures on Reading and Discussion	2:0:1(3)									
	HSS290	Speech and Discussion	3:0:3(6)		HS196	Speech and Discussion	3:0:3(6)					
HSS292	Business English	3:0:3(6)	HS292	Business English	3:0:3(6)							

Three areas				Five areas				I C C				
Classification	Subject No.	Subject Name	Lecture:Lab :Credit (Homework)	Classification	Subject No.	Subject Name	Lecture:Lab: Credit (Homework)	Classification	Subject No.	Subject Name	Lecture: Lab:Credit	
Elective General Courses		Projects		Elective General Courses		Projects		Mandatory General Courses				
	HSS293	Statistics in the Social Sciences	3:0:3(6)		HS293	Statistics in the Social Sciences	3:0:3(6)					
	HSS390	Advanced English Conversation	3:0:3(6)		HS360	Advanced English Conversation	3:0:3(6)		COM1401	Listening IV	3:0:1	
	HSS391	Advanced English Writing	3:0:3(6)		HS361	Advanced English Writing	3:0:3(6)		COM1404	Writing IV	3:0:1	
	HSS392	English Science Writing	3:0:3(6)		HS362	English Science Writing	3:0:3(6)		COM1504	Writing V	3:0:1	
	HSS393	English Presentation	3:0:3(6)		HS363	English Presentation	3:0:3(6)		COM1501 COM1401	Listening V Listening IV	3:0:1 3:0:1	
	HSS394	Internet English	3:0:3(6)		HS364	Internet English	3:0:3(6)		COM1401	Listening IV	3:0:1	
	HSS395	English Reading in Current Issues	3:0:3(6)		HS365	English Reading in Current Issues	3:0:3(6)					
	HSS396	English Reading in Science	3:0:3(6)		HS366	English Reading in Science	3:0:3(6)					
	HSS397	Advanced English Reading	3:0:3(6)		HS371	Advanced English Reading	3:0:3(6)		COM1503	Reading V	2:0:1	
	HSS398	English Conversation	3:0:2(4)		HS372	English Conversation	3:0:2(4)		COM1402	Conversation IV	2:0:1	
	HSS399	Creative English Writing	3:0:3(6)		HS377	Creative English Writing	3:0:3(6)		COM1504	Writing V	3:0:1	
	HSS479	English Debate	3:0:3(6)						COM1401	Listening IV	3:0:1	
	HSS483	Case Studies in Science and Technology Policy	3:0:3									
	HSS484	Special Topics in Policy	1:0:1									
	HSS485	Powerful report writing	1:0:1									
	HSS490	Culture · Art and	3:0:3									



Three areas				Five areas				I C C			
Classification	Subject No.	Subject Name	Lecture:Lab :Credit (Homework)	Classification	Subject No.	Subject Name	Lecture:Lab: Credit (Homework)	Classification	Subject No.	Subject Name	Lecture: Lab:Credit
Elective General Courses		Image Code		Elective General Courses							
	HSS491	Intermediate Korean I for Foreign Students	3:0:3(6)		HS401	Intermediate Korean I for Foreign Students	3:0:3(6)				
	HSS492	Special Topics on Humanities & Social Sciences	1:0:1		HS410	Special Topics on Humanities & Social Sciences	1:0:1				
	HSS493	Special Topics in Arts	1:0:1		HS411	Special Topics in Arts	1:0:1				
Research	HSS495	Individual Study	0:6:1	Research	HS495	Individual Study	0:6:1				

### 3. Descriptions of Courses

**HSS001 Logical Writing** **3:0:3(6)**

This course emphasizes the training of creative thinking and capability of logical expression for academic researches. This course deals with the standard of the Korean language, logical sentence formation, building a paragraph, linking paragraphs, writing essay, and methods for writing academic papers.

**HSS002 Critical Writing** **3:0:3(6)**

The aim of this course is to help students to write Korean effectively and enrich writing. In this course Students will expand their abilities to read, reflect on, discuss, and write about various texts. The course will help students become proficient in the skills of close reading, research, organization, writing, and revising that they will need in order to write successful papers.

**HSS003 Practical Writing** **3:0:3(6)**

The aim of this course is to help students to write Korean effectively and enrich writing. This course provides guidance on sound & letter, correct grammar, proper vocabulary, right expression and making words, usage of punctuation as well as writing projects.

**HSS004 Creative Writing** **3:0:3(6)**

The aim of this course is to help students to write Korean effectively and enrich writing. Through this course students can write creative and attractive writing. This course deals with theories of storytelling, novel and screenplay as well as writing exercise. Training creative writing can help students become creative scientist.

**HSS005 Writing on Scientific Essays** **3:0:3(6)**

The aim of this course is to help students to write Korean effectively and enrich writing. Through this course students can write creative and attractive writing. This course deals with historical writing of science, biographical writing, essays about science and technology as well as writing on research proposals. Training creative writing can help students become creative scientist. We will focus on the biographical writing on great scientists in contemporary Korea.

**HSS006 Basic Korean I for Foreign Students** **3:0:3(6)**

The aim of this course is to develop an understanding of contemporary Korean, learning fundamental grammatical principles. The course is open only to beginning students. Students learn to communicate in Korean through interaction with instructor and classmates. Comprehension of spoken Korean is stressed.

**HSS007 Narrative Writing** **3:0:3(6)**

The aim of this course is to help students to write Korean effectively using narrative. Through this course students can exercise various forms of writing; 5 paragraphs writing, column, short story, screenplay etc.

**HSS020 English Communication** **1:2:1(4)**

This course is intended to assist undergraduate students needing to develop English communication skills. Students may expect activities and exercises that help to develop all four skills (listening, reading, speaking, and writing). While all four skills may be developed through the course, there may be a slight focus on developing conversational (speaking and listening) skills necessary for authentic communication in the modern world.

**HSS021 Critical Thinking in English** **2:1:2(7)**

Critical Thinking in English is an introductory academic reading and writing course intended to introduce students to skills and habits conducive to the improvement of their English-language academic reading and writing. The course is co-taught, and this course description applies to the Writing portion of the class. Study will be introduced to exemplary writings to heighten student awareness of features common to successful academic writing. Students will then apply these features in their own work, using a process approach encouraging thoughtful self and peer editing for progressive improvement.

**HSS040 Badminton** **2AU**

The aim of this course is to provide the basic skills needed to actively enjoy the sport of badminton. Students will learn to perform the fundamental strokes and will understand the basic rules and strategy.

**HSS041 Swimming** **2AU**

This program is available for students with little or no swimming ability. It also provides opportunities for learning and participation in a wide variety of swimming styles at all levels, as well as an opportunity for students to improve cardiovascular endurance. Emphasis is on preparing the student to be a lifelong participant in swimming.

**HSS042 Tennis** **2AU**

The purpose of this class is to provide students with the appropriate level of knowledge and skills to enjoy tennis. Through this class the students will improve their general physical fitness and skill performance. Principles, techniques, safe practices, and strategies of tennis will be taught throughout the class.

**HSS043 Basketball** **12AU**

This course is designed to enable students to develop the knowledge and skills needed to participate in basketball. Skills, rules, strategies, etiquette, and opportunities for participation are taught. Students are encouraged to increase their lifetime participation skills, and to achieve and maintain a high level of personal fitness conducive to a life of health and well-being.

**HSS044 Health Administration** **2AU**

This course strives to inform students about the fundamentals of physical activity and motivate them to take up long-term physical activity. Courses include Jazz Dance, Stretching, Weight Training, Jogging, Latin Dance, etc.

**HSS045 Baseball** **2AU**

This course will focus on the fundamentals of baseball as a team sport. Emphasis will be placed on the following areas: catching, throwing, hitting, defense strategy, and offense strategy. Fundamental skills (catching, throwing, hitting form), complex skills (catching and throwing of the hit ball, the skill for each position, hitting a pitched ball), strategy skills (hit and run, bunt and run, tag up play, double play, relay play), and actual games (played with other teams) will be covered.

**HSS046 Golf** **2AU**

Basic golf swing is taught. Students will be able to successfully hit golf balls, play a round of golf, and understand more clearly the game of golf (rules, etiquette, etc).

**HSS047 Soccer** **2AU**

Basic skills of the game of soccer are taught. Dribbling, passing, rules, and basic strategy will be the emphasis. Intermediate skills and tactics of soccer are also conveyed.

**HSS048 Extra-Curricular Sport Activity** **2AU**

Extra-curricular sports activities refer to student-organized sports activities. Students are required to obtain 4 AU (activity units) through the school's sports programs. Students may obtain two of the four required activity units through extra-curricular sports activities. Currently, 14 student-organized extra-curricular sport activities are registered.

**HSS049 Yoga** **2AU**

An introduction to the foundation and practice of integrating mind, body and spirit. Instruction will introduce the student to basic yoga pose(anasanas) that promote general well being through a combination of stretching and strengthening. In addition, students will learn effective techniques for stress, relaxation and meditation.

**HSS060 Humanity/Leadership I** **1AU**

This course aims to build leadership characters to students and help them become more happy, effective and successful by learning leadership skills through 'The Seven Habits of Highly Effective Students' or 'Pheonix Leadership Course'.

**HSS061 Humanity/Leadership II** **1AU**

This course aims to raise students as influential and humane leaders by teaching persuasive communication skills and ways to improve human relations through 'Dale Carnegie Course' or 'Christopher Leadership Course'.

**HSS062 Humanity/Leadership III** **1AU**

This course aims to raise students as leaders with wide and profound knowledge by completing one program among photography, musical instruments, jazz dance, hip-hop, a cappella, etc.

**HSS070 Ethics and Safety II** **1AU**

It is more highlighted than ever to educate prevention of research misconducts and safety regulations since academic circles at home and abroad has recently paid greater attention to research ethics and safety. This course broadly introduces and encompasses research ethics, safety management, sex education and leadership to educate students to be an excellent leader in the future.

**HSS080 Community Service** **2AU**

Community service (4 days). Various community service activities in public institutions and medical facilities such as orphanages, old people's asylums, museums, libraries, public offices, etc.

**HSS090 Happy College Life** **1AU**

The purpose of "Happy College Life" is to encourage Freshmen of KAIST to get used to our campus and its life easily, its class has two parts: the regular programs that run 7-8 p.m. on every Thursday, and the irregular programs that run throughout the semester.

**HSS091 Exciting College Life** **1AU**

The purpose of "Exciting College Life" is to encourage Freshmen of KAIST to get used to our campus and its life easily, its class has two parts: the regular programs that run 7-8 p.m. on every Thursday, and the irregular programs that run throughout the semester.

**HSS100 History of Science** **3:0:3(6)**

English Reading & Writing is an introductory academic reading and writing course intended to introduce students to skills and habits conducive to the improvement of their English-language academic reading and writing. The course is co-taught, and this course description applies to the Writing portion of the class. Study will be introduced to exemplary writings to heighten student awareness of features common to successful academic writing. Students will then apply these features in their own work, using a process approach encouraging thoughtful self and peer editing for progressive improvement.

**HSS101 Philosophy of Science** **3:0:3(6)**

This course is an introduction to some of the philosophical issues about the nature of science. Topics may include: confirmation and falsification of scientific theories, paradigm and scientific revolution, the scientific realism debate, nature of scientific explanation, scientific reduction, the concept of laws of nature, causation, models in science etc.

**HSS102 Korean History of Science and Technology** **3:0:3(6)**

This course explores history of science and technology in Korea, especially throughout studying scientific heritages. This course helps students to understand scientific Korean culture in view of the global perspective.

**HSS105 Logic** **3:0:3(6)**

This is a standard introductory course to first order logic. We aim at developing students' further interest in more advanced fields in mathematical logic such as model theory, proof theory, recursion theory, and axiomatic set theory. Some of the applied logics such as temporal logic will also be discussed, not only to demonstrate the practical uses of logic but also to indicate some deeper philosophical issues raised by logic.

**HSS106 Understanding of Language** **3:0:3(6)**

This course helps students to recognize the nature and importance of language by discovering the internal order hidden in language and to understand the order systematically. It also examines the relationships between language and other realms.

**HSS107 Introduction to Philosophy** **3:0:3(6)**

We will discuss some of the perennial problems of philosophy. We will commence by reading some classical texts of eminent thinkers in the history of Western philosophy such as Plato, Aristotle, Aquinas, Descartes, Berkeley, Hume, and Kant. The focus of the course is on instilling students with the capacity to pose philosophical questions themselves, and steering them toward the realization that they have been philosophizing somewhat unconsciously throughout their lives.

**HSS109 The Conquest of Happiness** **3:0:3(6)**

We propose to reflect upon the true meaning of life and happiness. We will examine some of the most influential

theories happiness and typical issues involved. the focus will be laid on how students of KAIST, who will be the future leaders, can live happy lives with sound was of thinking.

**HSS110 History of Korean Culture 3:0:3(6)**

The meaning and way of life of the Korean people are approached from historical and cultural perspectives.

**HSS111 History of Modern Korea 3:0:3(6)**

From the Open Port (1876) to the present, historic developments towards modernization, democracy and reunification are studied.

**HSS112 History of Korean Thought 3:0:3(6)**

This course has a special emphasis on the transmission and acceptance of Buddhism and Confucianism. In particular, the drastic change in the social structure following the introduction of neo-Confucianism is examined.

**HSS113 Introduction to Korean History for Foreigners 3:0:3(6)**

This course aims to provide a broad understanding of Korean History to international students. This course will help the students to acquire a greater knowledge and a deeper understanding of the cultural tradition and the way of life of Korean.

**HSS114 Hangeul, Letter and Civilization 3:0:3(6)**

This course is designed to help the students to understand the properties and types of letters, the history of Korean letter and civilization. The course covers a wide range of letter and civilization, such as the mystery and background of generating Hangeul, letter and print, Hangeul and modernization, war of writing system, letter and typewriter, and the new letter and so on.

**HSS115 Rediscovering Modern Korea 3:0:3(6)**

This course aims to establish the identification of Korea and Korean through reviewing historical events, figures and cultural phenomena of modern Korea from open port to independence(1876~1945). Through this course students can get perspectives of the future.

**HSS116 Understanding of American Culture 3:0:3(6)**

This course is designed to study cultural characteristics of American society related American English. It helps students understand intercultural communication by studying geographical background, social structure and behavioral patterns of American society.

**HSS119 Understanding German-Speaking Cultures 3:0:3(6)**

The initial part of this lecture teaches you the basic German and general informations on Germany, Austria, Switzerland, and Liechtenstein that you will need while backpacking around Europe. In the later parts of the lecture, students make teams and gather information on politics, society, culture and the people of nations using German language and present their work to the class.

**HSS120 Understanding Korean Cinema 3:0:3(6)**

This class provides an introductory overview to the history, themes and genres of South Korean cinema. Students will learn how to analyze and interpret Korean films in terms of their generic signifiers and historical significance. This class will explain the economic and industrial factors behind the recent success of Korean cinema, both in the domestic context and around the world.

**HSS123 History of Western Civilization 3:0:3(6)**

The main purpose of this course is to introduce the undergraduate to Western history (focusing on cultural history) from the Medieval Period up to the Twentieth Century. This course begins with a short overview of the cultural and historical identity of Europe compared to other continents. The lectures will take up a series of topics designed to explore important recent issues in the cultural history of Europe. Topics include; The downfall of the Ancient World in Europe, The Formation of Feudal society in medieval Europe, The Crisis of the Feudal System, Geographical Expansion of Europe, Reformation, Renaissance and Absolutism, The French Revolution, The Emergence of Imperialism, Development of Capitalism, and World Wars I and II. Students are required to read a comprehensive but not overwhelmingly detailed text to supplement the lectures and to assist in attaining a better understanding of

European history.

**HSS124 History of Asian Culture 3:0:3(6)**

The traditional civilizations of China and Japan are examined. This course seeks to explain the many elements that helped to establish East Asian culture.

**HSS127 Ethics 3:0:3(6)**

Some of the most influential theories of normative ethics such as Kantianism and utilitarianism will be discussed. Emphasis will be laid on dilemma-like moral problems. Students are encouraged to participate in debates in order to deepen their understanding of opposing parties as well as to sharpen their wit. Topics will be chosen in more practical or applied fields such as biomedical ethics and research ethics.

**HSS128 Introduction to Oriental Philosophy 3:0:3(6)**

Some of the major Asian thought forms such as Confucianism, Taoism, and Buddhism will be discussed. We are not only interested in the dialectical developments of these in oriental societies but also fathoming their viability in the contemporary world. In other words, it will be our ultimate aim to promote a fruitful dialogue between the East and the West.

**HSS130 Science, Technology and Society 3:0:3(6)**

This course functions as an introductory course that helps undergraduate students understand the following topics: the social significance and roles of science technology in modern society; the relationship between science & technology and various areas of society such as politics, economics, and culture; the social position and roles of scientists and engineers.

**HSS133 Introduction to Psychology 3:0:3(6)**

Psychology is the study of the mind, brain, and behavior. The themes of psychology include understanding of mental activity resulting from biological processes within the brain and describing purposeful actions. This course deals with major concepts, research methods, and current issues of psychology at an introductory level.

**HSS134 Introduction to Cognitive Science 3:0:3(6)**

We will unite research from philosophy, psychology, linguistics, neuroscience, and computer science on the nature of Mind, Brain, and Computer. We will attempt to find a feasible way of applying basic principles of the knowledge acquisition processes in humans to implement an Intelligent Machine.

**HSS137 The Geography of Korea for International Students 3:0:3(6)**

The purpose of this course is to understand Korea's natural environment and human geography. During the course, students will study on the overall geography of Korea and visit locations which well explains Korean nature and history.

**HSS138 Korean History and Culture for International Students 3:0:3(6)**

This course aims to view Korean society in its cultural and historical perspective for students from abroad. In cultural aspect, we will look into the traditional and the modern Korean beliefs, religions, and cultural features and, in historical aspect, we will view Korean history from both inside and outside perspective. To see the vivid cultural and historical pictures, we will use representative Korean short stories as the main reading materials.

**HSS141 Power vs. Choice 3:0:3(6)**

This course helps class students to develop political consciousness, conceptualizing 'the political' and political phenomena, and introducing systematic political theories in general politics and international relations.

**HSS142 Civilizations and Belief Systems 3:0:3(6)**

This course introduces students to major civilizations and cultural traditions around the world. It surveys civilizations that have existed in the Middle East, India, Far East, Europe, Africa, and America before the arrival of Europeans. The course focuses particularly on various belief systems--philosophy, religion, and spiritual traditions--that emerged from various civilizations and shaped their course of development. Included in this survey are Islam and Sufism, Hinduism, Jainism, and Buddhism, Confucianism and Daoism, African and Native-American spiritual traditions, and some of the forgotten philosophical traditions of the West. We will bring our survey up to date by reviewing the implications of globalization for the survival of traditional civilizations and cultural diversity.

**HSS148 Introduction to Sociology** **3:0:3(6)**

This course introduces the basic concepts and perspectives of sociology. Through the lens of sociology, students are directed toward an understanding of varying aspects of Korean society such as family, education, religion, culture, labor and profession, inequality and class, and organization.

**HSS155 Introduction to Mass Communication** **3:0:3(6)**

This course is an introduction to the field of mass media and mass communication. The topics covered in the course include: the relationship between mass culture and mass communication, the evolution of major forms of mass media (newspapers, TV channels, etc.) and the issues related to communication such as public relations and advertising.

**HSS156 Understanding Law** **3:0:3(6)**

This course provides a survey of concepts, types, and basic theories of law, and of constitutional law, administrative law, civil law, criminal law, commercial law, litigation law, and international law.

**HSS157 Introduction to Anthropology** **3:0:3(6)**

This course introduces the concepts of culture and cultural diversity in the context of globalization and transnational processes. Students will learn the basic theories and methodologies of cultural anthropology, and will explore the possibilities of applying them in understanding cultural diversity. Visual aids in forms of documentary films will be used to illustrate the points learned in the course.

**HSS158 Introduction to Business Management** **3:0:3(6)**

This course intends to provide the overview of various concepts and practical tools of business management. The purpose of the course is to make the students familiar with frameworks and notations of modern business practices. Those who want to learn more on each subject introduced in this course can take individual major course offered in BEP. As a practical introductory overview course, this course does not deal with in-depth, theoretical and philosophical aspects of management science.

**HSS159 Introduction to Economics** **3:0:3(6)**

This course will deal with microeconomics and its development and basic methods of analysis in order to explain the various economic activities occurring in everyday life. In addition, we will discuss the basics of macroeconomics in terms of the development of the national economy and the improvement of national welfare, with a focus on general economic policies.

**HSS160 Introduction to Pedagogy** **3:0:3(6)**

Education is one of the central pillars of society. In this course, we first examine various theories of education and the history and modern development of education. We then explore the roles of subjects of education (parents and teachers) in various pedagogic contexts.

**HSS164 Understanding Film** **3:0:3(6)**

This course aims to teach students what are the characteristics of Hollywood genre film and the forms of storytelling in genre film. Furthermore, this course covers genre transformation and aspects of development in contemporary genre film. Students will learn some basic concepts and different storytelling structure of each film genre, and discuss about aesthetics of the genre after watch typical genre movie.

**HSS166 Introduction to Korean Culture for Foreigners** **3:0:3(6)**

This course aims to provide a broad understanding of Korean culture and society to international students. This course will deal with literary and other cultural discourses- literature, arts, films, journalistic essays, photographs, comic scripts, and advertisements, and so forth. It examines how Korean writers and artists produced them in response to the challenges of modernity, imperialism, colonialism, and Cold War politics. No prior knowledge of Korean language is required.

**HSS167 Korean Literature and Society** **3:0:3(6)**

Korean literature is closely related to the dynamics of Korean history. This course aims to help students understand the development of Korean literature by examining literary texts in their relation to Korean history.

**HSS170 Convergence** **1:0:1**

- convergence of knowledge including cognitive science, brain science, evolutionary theory, complexity theory  
- convergence of technology such as information technology, biotechnology, nanotechnology, neurotechnology

**HSS171 Understanding English Literature** **3:0:3(6)**

This course is designed to impart an overall view of English literature and to enhance recognition of British and American society and culture by introducing the students to the literary history of Britain and America. Students will be required to read about British and American writers as well as their works.

**HSS175 German Conversation** **3:0:3(6)**

This course is designed to teach the basic constructions of German by instilling an understanding of its introductory grammar and to improve German speaking and listening skills in real life situations by utilizing multimedia resources.

**HSS176 Japanese Conversation** **3:0:3(6)**

This course is designed to teach the basic constructions of Japanese by instilling an understanding of its introductory grammar and to improve Japanese speaking and listening skills in real life situations by utilizing multimedia resources.

**HSS177 French Conversation** **3:0:3(6)**

This course is designed to teach the basic constructions of French by instilling an understanding of its introductory grammar and to improve French speaking and listening skills in real life situations by utilizing multimedia resources.

**HSS178 Chinese Conversation** **3:0:3(6)**

This course is designed to teach the basic constructions of Chinese by instilling an understanding of its introductory grammar and to improve Chinese speaking and listening skills in real life situations by utilizing multimedia resources.

**HSS179 Spanish Conversation** **3:0:3(6)**

The course will teach elementary Spanish language, and introduce some aspects of culture in the Spanish-speaking countries. Language will be taught with a focus on elementary communication skills: greetings, ordering food, asking for directions, and expressing feelings and preferences. In the first half of the semester, students will acquire basic grammar and conversation skills. In later half of the semester, students will read and listen to simple stories, using language skills to deduce a sequence of events. Finally, in the end of the course, students will work in teams to author a simple story that they will present to the class in Spanish.

**HSS180 Basic Korean and Korean Culture** **3:0:3(6)**

This course aims to enable students to have simple conversation, by learning basic sentence patterns and vocabulary in Korean. Furthermore, it stimulates students interest, focusing on learner's activities so that We can practice and review by ourselves, and presents constitution, focusing on homework and communication so that the topics treated in the classes can be practically applied in our daily life.

**HSS186 Understanding Music & Music History** **3:0:3(6)**

Historical/stylistic overview of Western music from 18th to 21st century, with emphasis on late Baroque, Classical, Romantic and Modernist styles. With a variety of audio-visual materials, this course intends to enhance the students' musical experience by developing listening skills and an understanding of diverse forms and genres. This class also encourages active discussions and presentations as well as actual performances.

**HSS187 Art History & Visual Culture** **3:0:3(6)**

This introductory course investigates major monuments, trends, and issues in ancient through modern ages, primarily in Western art. While committed to introducing certain canonical art works and ideas to beginning students, this course also critically examines the sociohistorical contexts surrounding the artistic movements. Students will become familiar with some of the many ways to think about art and visual culture.

**HSS189 Freshman Seminar II** **1:0:1**

The freshman seminar, you can get useful tips and information on each major to help you to find the perfect major for your interests and goals. So come and apply for the freshman seminar to explore your major in advance. (Opens



at fall semester)

**HSS190 Freshman Seminar I**

**1:0:1**

The freshman seminar, you can get useful tips and information on each major to help you to find the perfect major for your interests and goals. So come and apply for the freshman seminar to explore your major in advance. (Opens at spring semester)

**HSS191 Reading in English**

**3:0:3(6)**

This course aims to improve reading skills. It exposes students to a variety of intermediate level texts and asks them to respond to ideas and topics raised by the texts.

**HSS192 On love 3:0:3(6)**

This course covers the essence of love and its influence on daily human life, art and culture, and our civilization with various points of view like philosophy, literature, art, sociology, psychology, neuroscience.

**HSS193 Basic Korean II for Foreign Students**

**3:0:3(6)**

The aim of this course is to enable the students for further practice conversational skills learned in Elementary Korean 1 for Foreign Students; understand more about the grammar and syntax of the language and build a vocabulary and feel for natural contemporary Korean. The course will focus on real situations and modes of interactions.

**HSS194 Leadership Training**

**3:0:1**

This course aims to nurture leadership skills for freshmen and will be organized by professional lecturers from the Korea Leadership Center. The students will learn how to lead and communicate more efficiently.

**HSS195 Special Lectures on English**

**3:0:3(6)**

This course is intended to reinforce practical English education focusing on English conversation and English composition. A wide range of English courses are provided in order to help students on their route to learning English and to promote a desire for learning.

**HSS196 Exercise and Health**

**3:0:3(6)**

The course is designed to introduce students to the field of exercise and health by providing a broad overview of the major topics in the area. It is designed to enable them to enhance personal wellness by gaining understanding about the physical, spiritual, and emotional dimensions of health, and by applying different strategies for improving personal health behaviors.

**HSS197 Special Lecture in Human Movement Science**

**3:0:3(6)**

The curriculum provides students with an understanding of the human movement science, which includes exercise physiology, human physiology, and exercise nutrition.

**HSS198 Communication Training**

**3:0:1**

The goal of this class is to help KAIST undergraduate and graduate students gain confidence in becoming compelling and influential leaders in the globalized 21st century society through improved speech communication ability.

**HSS199 Special lectures on Reading and Discussion**

**2:0:1(3)**

A broad range of reading and discussion groups allows for the presentation, discussion, and exchange ideas and opinions on diverse topics. The discussions are grouped in thematic series such as history, science, management, leadership and so on. Students can experience diverse perspectives on shared readings.

**HSS201 Revolutions in Science and Technology**

**3:0:3(6)**

This course explores the origins of revolutions in science and technology and their impact upon the social structure and the industrial development by examining a variety of cases, including architecture in the Roman Empire and the Middle Ages, the printing revolution, the Scientific Revolution, the Industrial Revolution, the Internet Revolution, the development of electrical engineering, and the rise of bioindustry.

**HSS202 History of Science & Technology in East Asia 3:0:3(6)**

This course provides a general survey of the history of science in East Asian countries: China, Korea, and Japan. It consists of two parts. In the first part of the course, the traditional East Asian scientific fields, such as cosmology, astronomy, mathematics, geography, alchemy, and medicine, are studied. The second half of the course deals with the interaction between traditional East Asian and Western sciences from the 17th to 20th centuries.

**HSS203 Environmentalism: A Historical Survey 3:0:3(6)**

This course is a historical survey of environmentalism as an intellectual, social, and political movement, and its broad-ranging manifestations. Beyond learning the basic information, students will be challenged to think critically, and form and express opinions of their own.

**HSS205 Philosophy of Mind 3:0:3(6)**

Recently philosophy of mind has been an unusually active and exciting area, especially as a part of cognitive science. This is an introductory survey of philosophy of mind covering wide range of issues including mental representation, imagery, rationality, language acquisition, AI, and the nature of psychology.

**HSS206 Analytical Philosophy 3:0:3(6)**

The great founders such as Frege, Russell, and Wittgenstein will be discussed first in order to understand the underlying spirit and motivation of analytic philosophy. We will then survey some of the problems of the philosophy of language, centering on theories of reference. Finally, we will examine the emergence of the philosophy of the mind as the core of philosophy in the analytic tradition.

**HSS208 Socio-Economic History of Korea 3:0:3(6)**

The social and economic characteristics and development from ancient to modern Korea are systematically examined. Agriculture, land economy, and trade and commerce are expounded upon together with problems in social economic thought.

**HSS209 The history of Korean letter and writing system 3:0:3(6)**

This course is designed to help the students to understand the history of Korean letter and writing system. The course covers a wide range of letter and writing system in Korea, such as writing system before hangul, the mystery and background of generating Hangul, and the change of writing system and so on.

**HSS211 English Structure and Grammar 3:0:3(6)**

This course is designed to improve students' comprehensive and analytic abilities of English constructions by instilling an understanding of the linguistic competence of human beings and investigating the formal structures of English grammar.

**HSS212 English & Style 3:0:3(6)**

This course is designed to help the students to acquire English style and understand British and American culture by reading a wide range of English prose. This provides the students with extensive training in reading, analyzing and discussing numerous readings of varying prose style. It aims at improving not only students' general linguistic skills but also their ability to provide critical interpretations of prose texts.

**HSS214 Europe and the World Since 1492 3:0:3(6)**

This course examines exchange, co-operation, and conflict between Europe and the world since Columbus's first voyage. The course looks into both the global flows of commodity and labour and the encounter and intersection of cultures at various sites of contact between European powers and the world.

**HSS215 Contemporary American History 3:0:3(6)**

**HSS216 Making of the Modern World 3:0:3(6)**

This course explores the formation of modernity in the west. Students will address various elements of modernity - the first world economy, the rise of Europe, the formation of the modern state, the birth of modern liberal democracy, and individualism and rationalism - through primary and secondary sources.

**HSS220 History on Films 3:0:3(6)**

This course explores key historical events and figures in western history through historical films. This course will help students to gain further understanding of historical transformations and to think about possibilities of film as a historical narrative (or story-telling).

**HSS221 Self and Identity in Modern Thought 3:0:3(6)**

This course deals with the changing conceptions of the individual in modern thought.

**HSS230 Science and Technology Policy 3:0:3(6)**

This course examines issues regarding public policies that are accompanied by the development of science and technology as well as the establishment and development of Korean public policies regarding science and technology.

**HSS231 Science, Technology and Ethics 3:0:3(6)**

This course examines the ethical issues that are raised in the development of high-end scientific technologies, such as bio-medical ethics, information communication, nano-technology, and energy.

**HSS232 Sociology of Science and Technology 3:0:3(6)**

This course introduces the main theories and analyses of the sociology of science and technology. It deals with issues such as the social structure of scientific technicians' society, social process of knowledge in the field of science and technology, and other social issues regarding science and technology.

**HSS233 Science and Technology Related Laws 3:0:3(6)**

This course introduces legal issues that are related to science and technology and mainly deals with laws related to the following areas: intellectual rights; computer software; privacy; protection of consumers; oceans, the cosmos, energy, the environment, and bio-technology.

**HSS235 Thinking and Deciding 3:0:3(6)**

Human cognition includes psychological processing of perception, memory, attention, thinking/problem solving, deciding, and creativity. As it stands, the knowledge of human thinking and deciding process adds to our understanding of human nature. This course covers general scope of human thinking and decision making with theoretical and practical perspectives.

**HSS236 Applied Cognitive Science 3:0:3(6)**

The goal of this course is to understand the principles of intelligent and cognitive behavior and find creative ways to apply them to implementing intelligent devices. The hope is that this will lead to better understanding of the human mind, of teaching and learning, of mental abilities, and of the development of intelligent devices that can augment human capabilities in important and constructive ways.

**HSS239 Security and Economy in East Asia 3:0:3(6)**

Many predict the coming years will become the "Asian Century," with the rise of China and technological innovations led by Asian tigers. In this course, we will explore the politics and economy of East Asia in an effort to understand the geopolitical and economic roles of our own country in the region.

**HSS240 Analysis of and Prospects for Korean Society 3:0:3(6)**

This course is designed to help undergraduate students understand social structure and changes in contemporary Korean society. Based on a sociological perspective, the course covers a wide range of social institutions and cultural aspects in Korea, such as population, urbanization, family and gender, religion, education, industrialization and economic development, social movement, and inequality.

**HSS243 Humans, Machines, and Society 3:0:3(6)**

This course surveys various perspectives on the relationship between humans and machines in historical, social, and cultural contexts. It examines the ways in which humans have designed, used, and co-existed with machines, and finally asks what it means to be human in technological society.

**HSS244 Understanding Globalization 3:0:3(6)**

This course introduces students to multi-faceted dynamics of globalization, one of the greatest transformative forces

defining the contemporary world. Starting with various frameworks for conceptualizing globalization, this course will examine the contentious nature of the globalization processes and the causes and consequences of various aspects of globalization including political, economic, social, and cultural changes. Through a combination of theoretical readings and various hands-on assignments, the course will help students to build an analytical and critical perspective on major social issues and problems facing the contemporary world.

**HSS245 Political Thought 3:0:3(6)**

This course examines the roles of selected political ideas, doctrines, and themes in the contemporary world, emphasizing their development and relationships to diverse political interests.

**HSS246 Democracy & Economic Growth 3:0:3(6)**

Do democracies grow faster than non-democracies? Does the type of political regime matter for economic development? This course offers a theoretical overview of the relationship of the political system and economic development. Students will learn about how political regimes, institutions, and processes influence overall economic performance as well as particular aspects of the economy.

**HSS247 International Law & International Organization 3:0:3(6)**

This course aims to provide a basic understanding of international organizations and international law. With increasing global flows of goods and services, people and information, international institutions, norms and rules have taken a center stage in world politics and economy. Students will be introduced to contending perspectives on the significance of international law, legal and political debates around international organizations and their decisions and policies.

**HSS248 Nations and Cultures 3:0:3(6)**

In this course, we examine the historical foundations of various collective identities such as the nation, ethnicity, citizenship, and culture. Rather than surveying individual countries' cultural traditions, the course aims to provide theoretical framework to analyze, appreciate, and compare different forms of identity and different modules of identity/cultural politics so that students can identify common themes and patterns flowing through multiplicity of apparently diverse cultural heritages.

**HSS253 Corporation Laws 3:0:3(6)**

This course will enable students to learn about general concepts and procedures of the corporation, its management and financial structures and related rights and duties, the relationships, responsibilities, and rights of the directors, shareholders, and corporation.

**HSS254 Patent Procurement Law 3:0:3(6)**

This course will enable students to learn about patent procurement overview, invention's requirement, including usefulness, novelty, non-obviousness, and patentable invention, inventor's qualification, and patent prosecution process.

**HSS255 Gender and Society 3:0:3(6)**

This course analyzes varying social realities from the perspective of gender theory and feminism. The following issues are examined: identity of males and females; differences in the real life of men and women that appear in social areas such as family, economics, politics, and culture; social, cultural, and historical differences of males and females.

**HSS261 Intellectual Property Overview 3:0:3(6)**

This course provides to students an overview of intellectual property (IP) laws with comparative perspectives. It covers broad range of IP topics in order to help students acquire basic knowledge on the principal modes of legal protection for intellectual work under trademark, copyright, and patent; and the insightful understanding about the differences among various IPs.

**HSS262 Trademark Infringement Litigation 3:0:3(6)**

This law class will focus on trademark infringement litigation (offense, defense, and remedies), trademark in internet, trade dress, and civil litigation process, focusing on trademark

**HSS263 Patent Infringement Litigation****3:0:3(6)**

This course will teach about patent infringement claims (literal, equivalent, & in foreign country), infringement defense methods (no-infringement, limitation on patent, & patent revocation), infringement damage, and civil litigation procedures, focusing on patent litigation

**HSS265 Rereading Korean Poetry****3:0:3(6)**

This course helps students recognize the tradition of Korean poetry and build poetic sensibility by rereading the works of famous Korean poets.

**HSS266 Rereading Korean Novels****3:0:3(6)**

This course aims to enhance students' understanding of Korean novels by instilling an appreciation of the main works in the history of the Korean novel. During this process, texts by main Korean authors will be discussed. The focus is on relating Korean culture with changes in the form of novels through a close examination of the texts.

**HSS267 Understanding Korean Music Culture****3:0:3(6)**

The main purpose of this class is to introduce Korean music culture from the early to the present to the undergraduate. This course begins with the introduction of Korean traditional musical instruments and a short overview of categorisation of Korean traditional music culture. The lectures will take up a series of topics designed to explore the various traditional musical genres in Korea and some of Asian countries such as China and Japan. Topics include; Musical Instruments of Korea, Traditional Notation systems, Rhythmic Patterns, Melodic Patterns, Traditional Dance (Court Dance & Folk Dance), Confucian Ritual Music, Court Music, Korean Religious Music, Folk Music, Korean Vocal Techniques, Folk Song, Pansori, Tanga, & Kayagum p'yongch'ang, Theatre Music (Ch'angguk) not only in Korea but also in East Asia, Songs for aristocratic class such as Kagok, Kasa & Sijo, Korean Early Modern Pop Music, Contemporary Genres in Traditional Korean Music, Social and Regional Contexts in Korean Music and so on. Students are required to read a comprehensive but not overwhelmingly detailed text to supplement the lectures and to assist a better understanding of Korean music culture.

**HSS268 Chinese Conversation II****3:0:3(6)**

This class aims at enhancing Chinese conversational skills of any student who has already studied a minimum of 6-month-long basic Chinese language. This class also aims at improving and helping any student's Chinese language skills expected of short-term excursion or trip to mainland China to be able to speak the language fluently.

**HSS270 British and American Poetry****3:0:3(6)**

This course will give the students an opportunity to cultivate their poetic sensibility and understand the social and cultural meaning of poetry by surveying major British and American poets and their poems, with a focus on literary trends and themes.

**HSS271 British and American Novel****3:0:3(6)**

This course is designed to provide an opportunity for the students to expand their interest in English literature, and broaden their understanding of English language and culture and various life experiences, by surveying major British and American novelists and reading their works.

**HSS272 English Drama and Film****3:0:3(6)**

This course provides students with an understanding of the histories, practices, contexts of drama and exploration of representative 20th Century English and American plays written in 20th works. This is supported by a comparison of plays with their film versions.

**HSS273 English Short Stories****3:0:3(6)**

This course aims at improving students' ability to interpret and analyze British and American short stories as well as enhancing their reading skills. Students will be asked not only to do extensive reading but also to communicate their opinions and ideas about the readings.

**HSS274 Science Fiction and Film****3:0:3(6)**

This is a course that focuses on analysis and discussion of science fiction texts and films. It aims to enhance students' interests in literature as well as their critical awareness of various issues related with the topic "science and

society."

**HSS277 The world of Musicals 3:0:3(6)**

This lecture is a historical survey of the representative musicals from the 1940's to the present, including those of Rodgers & Hammerstein, Leonard Bernstein, Jerry Bock, L.A. Webber, Claude-Michel Schoenberg, Stephen Sondheim, and others. Based on the musical scores of the selected 40 best musical songs, we will learn songs in terms of their stylistic characteristics of the music and lyrics. Plenty of audio-visual material will be used for understanding various musical types, song types, dramatic situations and stage sets, and light effects. Furthermore, students will have first-hand learning experiences by attending a couple of live musical stages. During the semester, students are encouraged to perform a selection of musical numbers or newly created musical scenes.

**HSS278 Modern Arts 3:0:3(6)**

This course investigates major artistic trends and discursive issues in modern and contemporary periods from the late 18th to the 21st century. The lectures present various key developments in visual art against a broader backdrop of social and political transformations. The purpose of the course is threefold: to facilitate students' understanding of art history and visual culture of our own era; to provide them an opportunity to develop and exercise the rhetorical skills; and to equip them with the tools to conduct a visual analysis and critical interpretation. Students are expected to keep up the readings and actively participate in the class.

**HSS279 Art after 1945 3:0:3(6)**

This course investigates the artistic trends and discursive issues after the end of the World War II. The lectures will present various key developments in visual art against the socio-historical context of the globe.

**HSS280 Understanding World Music 3:0:3(6)**

The main purpose of this class is to introduce various world music cultures to the undergraduate. This course begins with the concept of world music and a short overview of categorisation of diverse traditional music and contemporary music cultures in the world. The lectures will take up a series of topics designed to explore a variety of musical genres in the various areas.

**HSS281 European Literature and Art 3:0:3(6)**

This course aims to introduce and discuss a wide range of cultures and literatures of Eastern and Western countries excluding Britain and America. Courses such as Understanding of German Culture and Literature, Understanding of Chinese Culture and Literature, and so on are offered.

**HSS286 Environmental Law 3:0:3(6)**

During the latter half of last century and this century, the worldwide population and technologies have been exploding, using up more resources and generating more environmentally hazardous materials as well as polluting air and water, the vital needs for human beings' survival, ever before. This course will let students to have bird's eye view on various environmental laws, their rationales and applications, and resulting sanctions.

**HSS290 Speech and Discussion 3:0:3(6)**

The goal of this course is to improve KAIST undergraduate students' various communication skill; presentation, debate, discourse etc. In this course, students learn how to speak their own assertions and how to take out creative conclusions.

**HSS292 Business English Projects 3:0:3(6)**

This course is intended for undergraduate students who wish to gain business experience in order to stand out during future job interviews. Companies ask tough questions and students need to be able to give professional answers. This course will give students a strong advantage in a job interview by providing them with real business experiences to discuss with recruiters.

**HSS293 Statistics in the Social Sciences 3:0:3(6)**

This course is designed to give the well-educated person a basic understanding of statistical concepts. It is designed for the future professional statistician. The goal is to acquaint the student with the concepts and terminology of statistics so that he or she can evaluate statistical claims seen or heard in the general media and can understand

results from experiments and surveys.

**HSS301 Topics in Philosophy 3:0:3(6)**

This course is occasionally offered depending on student need and interest. Frequently, topics are selected from the more specialized fields in philosophy such as aesthetics, formal ontology, philosophy of Baduk, philosophy of religion, and philosophy of mathematics. Sometimes, however, particular problems or issues in philosophy such as causation, freedom of will, non-existent possibilities, and the ontological status of works of art are selected.

**HSS302 Special Lectures on Linguistics 3:0:3(6)**

This course will enhance students' understanding of language through the study of general areas related to language, with a focus on a special subject.

**HSS303 Studies in the Problem of Korean History 3:0:3(6)**

This course is designated to expand and deepen the historical knowledge (focusing on Korean history) of participating undergraduate students in a systematic way. The topics dealt with will be chosen from among critical issues raised in current research of Korean history, based on discussion with students. Examples of topics include "Everyday Life and Power", "Goguryeo and Foreign Relations in Ancient Korea", and "Development of the City in Pre-modern and Modern Korea". The course consists of seminars and presentations.

**HSS304 Special Issues in History 3:0:3(6)**

This lecture series will present an important and current issue related to human history. This lecture is expected to instill in students heightened concern about and interest in history. For example, the adoption of scientific methods in the research of history and archaeology, which is currently producing significant results, is introduced to demonstrate that these two disciplines are in a close and collaborating relationship.

**HSS305 Special lecture on world languages and cultures 3:0:3(6)**

This course aims at enhancing Japanese, Chinese or Spanish language skills of those students who already attained basic Japanese, Chinese or Spanish language skills and their understanding of Japanese, Chinese or Spanish culture. This course, thus, will meet the demand of students wishing to enhance their Japanese, Chinese or Spanish language skills while not in want of fulfilling basic Japanese, Chinese or Spanish language requirements and at the same time will provide an opportunity for the students to better understand and form an informed and balanced perspective of Japanese, Chinese or Spanish society and culture.

**HSS306 Seminar in Humanities 1:0:1**

Seminar in Humanities is structured as a series of lectures on any topic broadly concerning humanities and social sciences. In four weeks, eight lectures will be delivered by an invited scholar, and students will be required to submit an essay and to sit on one examination reviewing the contents of the lectures given.

**HSS307 Contemporary Political History of Korea 3:0:3(6)**

This course reviews the some critical issues in the post-liberation period of North and South Korea.

**HSS308 Environmental Ethics 3:0:3(6)**

The aim of this course is to introduce you to the central moral problems regarding the impact of humanity on the environment and its non-human as well as human inhabitants. We will be concerned with questions such as: how should we assess our impact on the environment? Should it be assessed according to the impact of our environmental policies and decisions on other human beings alive today? What about future generations of humans ?

**HSS320 History of Architecture 3:0:3(6)**

An introductory history of cities and buildings throughout the world from earliest times to the present. We will pay special attention to the social, religious, and political dimensions of architecture in order to help understand what buildings mean in context-that is, to the community that uses them.

**HSS324 Science Fiction Cinema 3:0:3(6)**

This class will introduce students to the importance of science fiction films. Through close analysis of the visual style, themes and subtext of key films from the historical development of the science fiction genre, students will

gain an understanding of how film makers use their visions of the future to comment on contemporary society and culture. Students will learn how to study and appreciate films from different national cinemas, and will gain a richer sense of how science and technology have changed film.

**HSS325 Renaissance and Baroque Art 3:0:3(6)**

This course examines art and architecture of Western Europe from the late thirteenth to the seventeenth century that covers the Renaissance and Baroque period. The course offers an introductory survey of major artistic monuments, focusing on the key issues raised in this period and basic chronological surveys of each artist's development.

**HSS330 Topics in Science and Technology Studies 3:0:3(6)**

This course provides an in-depth study of a specific topic regarding science technology that can be related to the aspects of humanities or social science.

**HSS331 Special Lecture in Cognitive Science 3:0:3(6)**

This course will deal with special topics in cognitive science. It will examine what cognition is, what it does, and how it works under multidisciplinary scientific perspectives.

**HSS332 Special Lecture on Social Sciences 3:0:3(6)**

This course will be offered with a specific subtitle as a lecture on a special subject in social sciences besides those courses offered in the curricula of humanities and social sciences.

**HSS333 Seminar in Psychology 3:0:3(6)**

The story of the human lifespan helps us understand the dynamic interplay of psychological and environmental forces. This course covers principles of human behavior including issues of development, personality, learning social cognition, and mental illness.

**HSS334 Seminar in Cognitive Science 3:0:3(6)**

This course is designed to make students access to reading of representative articles in cognitive science and presenting their comprehension of them. This experience will help students to generate research ideas in creative and constructive ways.

**HSS336 The American Democratic Tradition 3:0:3**

An introduction to the American democratic tradition, political system, society, culture, etc.

**HSS337 New Media and Communication 3:0:3**

This course provides guidance on introduction to new media and communication in the context of the complex interactions of culture and technology. This course offers both theoretical approaches and case studies of these interactions from diverse domains, including new media, linguistics, information technology etc. This course will help students to understand relationship between new media and communication effectively.

**HSS360 Special Lecture on Korean Literature 3:0:3(6)**

This course is an in-depth seminar in which students participate. A special subject in Korean literature will be addressed, and the choice of the subject can be influenced by student interest. Possible main subjects are theories for creating literary works, Korean literature, and folk customs.

**HSS361 Special Lecture on English Literature 3:0:3(6)**

This course focuses on an in-depth exploration of major themes of English Literature. The genres include Modern Feminist Criticism, English Novel and Cinema, Science Fiction, and English Drama.

**HSS362 Special Lecture on Art 3:0:3(6)**

Special Lecture on Art consists of a variety of subjects that are based on student-centered and learning-by-doing principles of education: <The World of Musicals>, <Opera and Theater Music>, <Art History>, <Theory and Practice of Choral Music>, <Chamber Music Ensemble>, <Improvisation>. Furthermore, there are several interdisciplinary courses on the fusion of science/engineering and art: <Computer Music(Composition)>, <Making of String Instruments>, <Making of Percussions>.



**HSS370 Vision, Brain and Art** **3:0:3(6)**

This course will offer an interdisciplinary approach to the principles of brain functioning and its process of visual information as manifested in art works of various cultures. A comparative study of artistic representation in different principles will illustrate the human processing of visual events and the nature of sensory systems. This course will provide an integrated understanding of cognitive process of perception and the comprehension of art beyond intuitive and often unformed appreciation of its aesthetic values.

**HSS378 Violin Family Instrument Making & Experimentation** **3:0:3(4)**

The course focuses on designing and reconstructing the most complete 3-dimensional performance instrument to date, the violin. All instruments not part of the violin family are performed alongside or towards the earth's gravity? this must be recognized in order to understand its structure as well as to incite creative approaches. The creative approach will practice in process of creating violins from paper. At the same time, an interdisciplinary connection between engineering students and their core majors will be presented to aid various aspects of making process. The emphasis will target stringed instruments including traditional Korean instruments and creative instruments through violin family instruments research.

**HSS390 Advanced English Conversation** **3:0:3(6)**

The aim of this course is to build English communication skills through discussion and presentation of contemporary issues and topical dialogues. The primary objective of the course is to help students increase their confidence and skill level through discussion of a wide range of contemporary topics and issues in English.

**HSS391 Advanced English Writing** **3:0:3(6)**

This course is intended for undergraduate students interested in developing an understanding of collegiate writing. The students will be actively involved in developing writing skills that are required to prepare essays, articles, correspondence, and papers.

**HSS392 English Science Writing** **3:0:3(6)**

This course is intended for undergraduate students who need to use English for preparing documents, reports, and papers. The students will be actively involved in developing writing skills that are required to complete reports, theses, and research papers.

**HSS393 English Presentation** **3:0:3(6)**

This course will primarily focus on developing basic presentation skills enabling the student to deliver an effective presentation in his or her field of study/research. The class will introduce and develop specific presentation skills as well as presentation practices through pair, group or class work.

**HSS394 Internet English** **3:0:3(6)**

The primary goal of this course is to develop English communication skills while discussing and utilizing computers and the Internet. Students will also increase their knowledge of information technology.

**HSS395 English Reading in Current Issues** **3:0:3(6)**

The course aims to expose students to contemporary topics related to current events. The purpose is to promote English language acquisition as well as to introduce critical thinking. Topics include political and economic issues, regional conflict, modern science and technology, and cultural issues.

**HSS396 English Reading in Science** **3:0:3(6)**

This course aims to improve students' reading skills, focusing on arctic lesson science and technology. Topics include scientific revolution, biographies of great scientists, ecology, the genome project, and the responsibility of the scientist.

**HSS397 Advanced English Reading** **3:0:3(6)**

This class is designed to improve both English reading skill and academic knowledge on humanities and social sciences. English texts on literature, culture, history, philosophy, politics, sociology, psychology are closely read and discussed in depth.

**HSS398 English Conversation** **3:0:2(4)**

This course is to build English communication skills through the discussion and presentation of contemporary issues and topical dialogues. The primary objective of the course is to help students increase confidence and skill level in discussing a wide range of contemporary topics and issues in English.

**HSS399 Creative English Writing** **3:0:3(6)**

Creative English Writing is a non-academic writing workshop intended to foster the expression of student creativity through the medium of written English. Topics will include fiction, personal essay and memoir, magazine writing, poetry, and playwriting. Study will begin with analysis of exemplary writings to heighten student awareness of features common to successful creative writing. Students will adapt these features to their own work as appropriate, using a process approach encouraging thoughtful self and peer editing for progressively effective personal expression.

**HSS404 Human, Computer, Language** **3:0:3(6)**

This course is the interdisciplinary study of interaction between people and computers, especially from a linguistic point of view. In the course, students can learn the basic structure of human language and computer language, study common features and different features between them, and investigate the possibility of human language as applied to the computer.

**HSS405 Logic and Artificial Intelligence** **3:0:3(6)**

We propose to study some of the most fruitful applications of logic in diverse areas of artificial intelligence researches. This includes non-monotonic logic, belief revision, epistemic logic, and temporal logic.

**HSS409 Odyssey of pioneers in modern Korea** **3:0:3(6)**

This course is designed to help students study the most brilliant pioneers in modern Korea such as Yoo Giljun Suh jaephil, Lee Sungman, Ji Seokyoung, Suk joomyung, Na Hyesuk and so on, understand the properties of science and the history of civilization in modern Korea.

**HSS412 English and Society** **3:0:3(6)**

This course is designed to study linguistic phenomena as social activities in the American society. It helps students understand the characteristics of English and English users by analyzing the historical background, geographical differences, racial and social classes and behavioral patterns of American society.

**HSS420 Science Storytelling** **3:0:3(6)**

This course aims to teach students how to cultivate various forms of cultural contents through storytelling technique with scientific knowledge. Students will learn some basic principles of storytelling, read and watch famous science fictions books and movies, and produce their own products.

**HSS433 Brain and Cognition** **3:0:3(6)**

This course provides students an overview of cognitive processing with neuropsychological and neuroscientific perspectives. Topics will be aspects of perception, attention, memory, language, and emotion. Knowledge of underlying neural mechanisms of cognitive processing and brain imaging technologies like fMRI will help students to pursue their own research interests in the future.

**HSS434 Computational Cognitive processing** **3:0:3(6)**

This course presents an in-depth overview of theoretical and computational approaches to cognitive dynamics and applications with interdisciplinary perspectives. Understanding of higher-order cognitive functions would lead to designing intelligent devices. This course will cover a wide range of research areas related to dynamics of cognition, including experimental studies on cognitive science, dynamical modeling and interpretation of cognitive experiments.

**HSS437 Introduction to North Korea** **3:0:3(6)**

The aim of this course is to help students to understand North Korean Society. This course focuses on history, literature and science of North Korea.

**HSS447 Man and War** **3:0:3(6)**

Is war a part of human nature? Why is war? This course examines a variety of answers to such questions. Taking an interdisciplinary approach, the course surveys various theories of human nature and war and examines diverse

social phenomena as the cause and consequences of war.

**HSS451 Sustainability: Agenda and Prospects 3:0:3(6)**

With the UN Bruntland Commission Report "Our Common Future" of 1987, sustainability has become one of the most fundamental and comprehensive ideas capturing the interests of individuals, companies, and governments. This course is a broad survey of the history and various institutions and issues of sustainability. Topics covered in the course include: the roles of the UN for sustainable development, sustainability and frontiers in technological development in several fields (energy, transportation, manufacturing, etc.), and political and social concerns related to sustainability.

**HSS453 Behavioral Finance 3:0:3**

Behavioral finance uses psychology to examine how individuals' attitudes and behavior affect their financial decisions and financial markets. The role of heuristic-driven biases and frame dependent on the market inefficiency will be emphasize..

**HSS454 Political Economy of Science & Technology 3:0:3(8)**

This course provides an understanding of the dynamics of political and economic forces underlying the formation of and changes in distinct science and technology regimes. Primary focus is placed on institutional complementarities in which organizational forms and behavioral patterns of science and technology development evolve in an interlocking relationship with the distinct constellations of political and economic institutions surrounding it.

**HSS455 Philosophy of Science Policy 3:0:3(8)**

This course will introduce students to some of the fundamental philosophical problems concerning science policy: What is the nature of Expertise? What is evidence and how do we assess risk? How does ethics influence policy issues in biomedical and environmental research?

**HSS470 English Literature and History 3:0:3(6)**

This course tries to understand English Literature within the context of English history. It explores and discusses successes/failures of English Literature in representing historical events. The students are supposed to read works of professional historians as well as the representative English novels.

**HSS471 Gender and Literature 3:0:3(6)**

This is a course that focuses on literary analysis and discussion of texts from Korean and World literature, in which "women" or "gender" is a main concern. It aims to enhance students' interests in literature as well as their critical awareness of social issues including gender.

**HSS472 Art and Philosophy 3:0:3(6)**

This is an introductory survey of basic problems of aesthetics and philosophy of art. In addition to historically influential theories of beauty and art, problems of aesthetic attitude, metacriticism, metaphor, representation, and expression in art will be covered.

**HSS479 English Debate 3:0:3(6)**

English Debate is an advanced English communication course for undergraduates. This course will help students develop their abilities to think critically and to formulate and deliver clear, well-supported spoken arguments. During this course, students will research topical issues, develop arguments for and against resolutions on those issues, and engage in formal debate to test both the strength of their arguments and their skills in presenting those arguments.

**HSS483 Case Studies in Science and Technology Policy 3:0:3**

This course introduces basic methodologies in studying science and technology policy and examines several policy cases, including nuclear policy, science manpower policy, the relationship between basic and applied sciences, and technological collaborations.

**HSS484 Special Topics in Policy 1:0:1**

This course is to look into case studies about social issues of political fields and political processes by inviting experienced experts in policies of science & technology, national defense diplomacy and economy. Through this, students can acquire a macroscopic view of national political situation and political mind.

**HSS485 Powerful report writing****1:0:1**

This lecture provides with not a simple composition skill but a practical way of professional planning, writing, and presenting reports.

**HSS490 Culture·Art and Image Code****3:0:3**

This course is to investigate what the Image Code is and how to find the special meanings and forms of cultural archetypes that have been Immanent in the cultural and artistic works through the times. Especially we will focus on the symbolic meanings of them through the artistic and socio-cultural works of Greece, Egypt and Western Countries at the Ancient Times. Studying the symbolic meanings of the ancient cultural Images in the Religion, Mythology, Arts and Thoughts, we can approach to see how the Image Code have been carried on until the Present Time.

**HSS491 Intermediate Korean I for Foreign Students****3:0:3(6)**

Students review and develop their knowledge of Korean language and culture. This course will include contextual lessons in Korean history, and values. Formal analyses, drills, reading, writing and discussions will be performed using diverse forms of reading materials.

**HSS492 Special Topics in Humanities & Social Sciences****1:0:1**

This course will enhance students' understanding of relevant area through the study of humanities and social sciences, with a focus on a special subject.

**HSS493 Special Topics in Art****1:0:1**

This course will enhance students' understanding of relevant area through the study of art, with a focus on a special subject.

**HSS495 Individual Study****0:6:1**

This course is a program for individual study by a student with a chosen professor. Its purpose is to help students build the ability to raise questions independently and interpret them, and to perform creative research by examining data or through field study in the humanities or social science.